

**QUICK SELECTION / Selezione veloce** The dynamic efficiency is **0.94** for all ratios **input speed (n<sub>1</sub>) = 1400 min<sup>-1</sup>**

Output Speed n <sub>2</sub> [min <sup>-1</sup> ]	Ratio i	Motor power P <sub>1M</sub> [kW]	Output torque M <sub>2M</sub> [Nm]	Service factor f.s.	Nominal power P <sub>1R</sub> [kW]	Nominal torque M <sub>2R</sub> [Nm]	Available B5 motor flanges		Available B14 motor flanges			Output Shaft 	Ratios code 
							-B	-C	-O	-P	-Q		
							63	71	56	63	71		
38.7	<b>36.17</b>	0.37	86	1.2	<b>0.43</b>	<b>100</b>			C	C		17179	02
31.7	<b>44.21</b>	0.37	105	1.0	<b>0.35</b>	<b>100</b>			C	C		19139	03
27.6	<b>50.68</b>	0.25	81	1.2	<b>0.31</b>	<b>100</b>			C	C		17139	04
25.3	<b>55.36</b>	0.25	89	1.1	<b>0.28</b>	<b>100</b>			C	C		17177	05
23.2	<b>60.31</b>	0.25	96	1.0	<b>0.26</b>	<b>100</b>			C	C		15139	06
21.2	<b>65.88</b>	0.25	105	0.9	<b>0.24</b>	<b>100</b>			C	C		15177	07
19.4	<b>72.25</b>	0.18	88	1.1	<b>0.22</b>	<b>100</b>			C	C		10179	<b>standard</b> 08
17.6	<b>79.64</b>	0.18	97	1.0	<b>0.20</b>	<b>100</b>			C	C		13177	<b>ø20</b> 09
15.2	<b>92.31</b>	0.18	113	0.9	<b>0.17</b>	<b>100</b>			C	C		15137	10
14.6	<b>95.65</b>	0.18	117	0.9	<b>0.16</b>	<b>100</b>			C	C		9179	11
13.8	<b>101.23</b>	0.12	80	1.2	<b>0.15</b>	<b>100</b>			C	C		10139	<b>ø25</b> 12
11.0	<b>127.37</b>	0.12	101	1.0	<b>0.12</b>	<b>100</b>			C	C		7179	On request 13
9.3	<b>151.16</b>	0.09	95	1.0	<b>0.10</b>	<b>100</b>			C	C		6179	14
7.8	<b>178.46</b>	0.09	113	0.9	<b>0.09</b>	<b>100</b>			C	C		7139	15
6.6	<b>211.79</b>	0.06	88	1.1	<b>0.07</b>	<b>100</b>			C	C		6139	16
6.1	<b>231.37</b>	0.06	96	1.0	<b>0.07</b>	<b>100</b>			C	C		6177	17
5.1	<b>273.16</b>	0.06	113	0.9	<b>0.06</b>	<b>100</b>			C	C		7137	18
4.3	<b>324.18</b>	0.06	134	0.7	<b>0.05</b>	<b>100</b>			C	C		6137	19

**Motor Flanges Available** Flange Motore Disponibili  
**B) Supplied with Reduction Bushing** Fornito con Bussola di Riduzione  
**B) Available on Request without reduction bushing** Disponibile a Richiesta senza Bussola di Riduzione  
**C) Motor Flange Holes Position** Posizione Fori Flangia Motore

**EN** Unit **X33S** is supplied with synthetic oil for lifetime lubrication, no maintenance is necessary. See table 1 for lubrication and recommended quantity. In table 2 please see possible radial loads and axial loads on the gearbox.

**I** Il riduttore **X33S** viene fornito completo di olio sintetico per la lubrificazione permanente e non necessita di alcuna manutenzione. Vedi tab.1 per oli e quantità consigliati. In tab.2 sono presenti i carichi radiali e assiali applicabili al riduttore.

**D** Das Getriebe **X33S** ist mit synthetischem Öl gefüllt und ist lebensdauergeschmiert. In Tabelle 1 ist die Schmiermenge und das empfohlene Schmiermittel angegeben. In Tabelle 2 sind die zulässigen Radial - und Axialbelastungen des Getriebes aufgeführt.

**F** Le réducteur **X33S** est fourni complet avec de l'huile synthétique pour la lubrification permanente et ne nécessite aucun entretien. Voir tableau 1 concernant les huiles et les quantités conseillées. Les charges radiales et axiales applicables au réducteur sont précisées dans le tableau 2.

**E** El reductor tamaño **X33S** se suministra, lubricado de por vida con aceite sintético y no requieren mantenimiento alguna. Ver tabla 1, para cantidades y aceites recomendados. En la tabla 2, se encuentran las cargas radiales y axiales admitidas por el reductor.

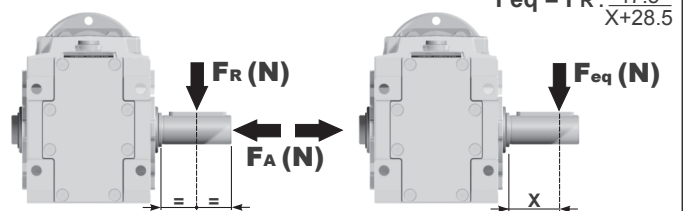
Standard supplied	For these mounting position specify in the order or add oil Per queste posizioni specificare in fase d'ordine o aggiungere olio					
0.70 LT	0.65 LT	0.40 LT	0.65 LT	0.95 LT	0.65 LT	Ask
AGIP Telium VSF 320			SHELL Omala S4 WE 320			

For all details on lubrication and plugs check our website **tab. 1**  
Per maggiori dettagli su lubrificazione e tappi olio vedi il nostro sito web

### RADIAL AND AXIAL LOADS

#### Output shaft

Albero di uscita

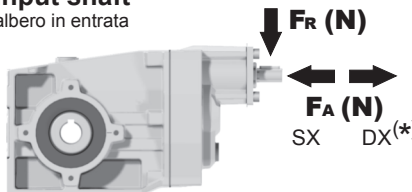


n <sub>2</sub> [min <sup>-1</sup> ]	FA	FR	n <sub>2</sub> [min <sup>-1</sup> ]	FA	FR	n <sub>2</sub> [min <sup>-1</sup> ]	FA	FR
250	400	2000	75	560	2800	15	560	2800
150	450	2250	50	560	2800			
100	500	2500	25	560	2800			

**FR** On request taper roller bearings to increase radial loads.  
A richiesta cuscinetti a rulli conici per aumentare i carichi radiali.

#### Input shaft

albero in entrata



n <sub>1</sub> [min <sup>-1</sup> ]	FA	FR
1400	140	700
900	160	800
500	190	950

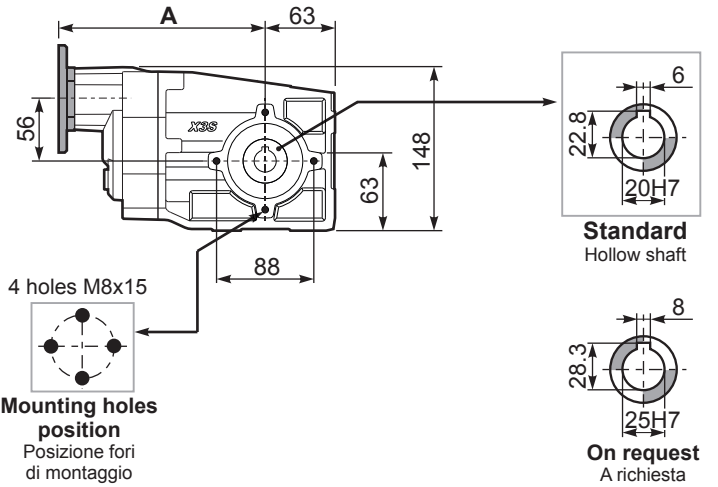
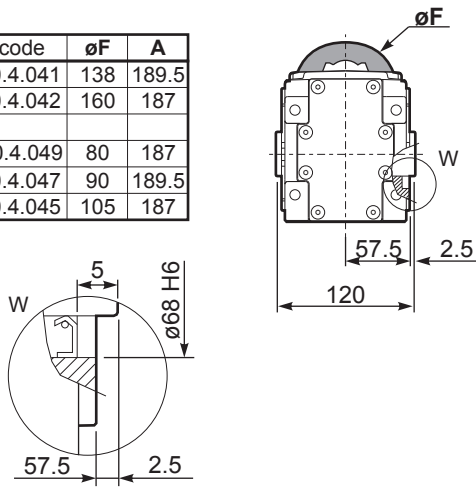
\*Strong axial loads in the DX direction are not allowed.  
Non sono consentiti forti carichi assiali con direzione DX

tab. 2

**PX33SC...** Basic Gearbox  
Riduttore base

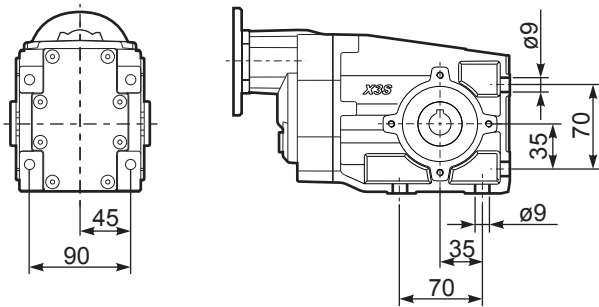
Gearbox weight  
peso riduttore **6.55 kg**

M. flanges	Kit code	øF	A
<b>63B5</b>	K050.4.041	138	189.5
<b>71B5</b>	K050.4.042	160	187
<b>56B14</b>	KC40.4.049	80	187
<b>63B14</b>	K050.4.047	90	189.5
<b>71B14</b>	K050.4.045	105	187

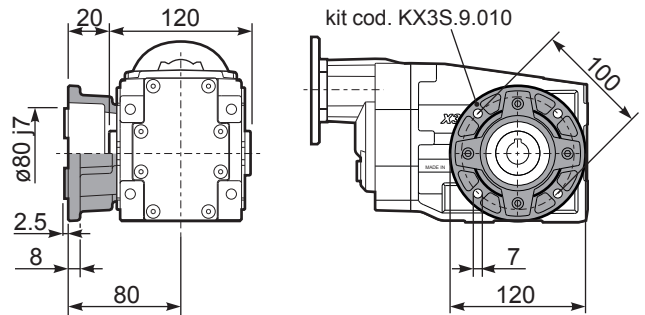


4 holes M8x15  
Mounting holes position  
Posizione fori di montaggio

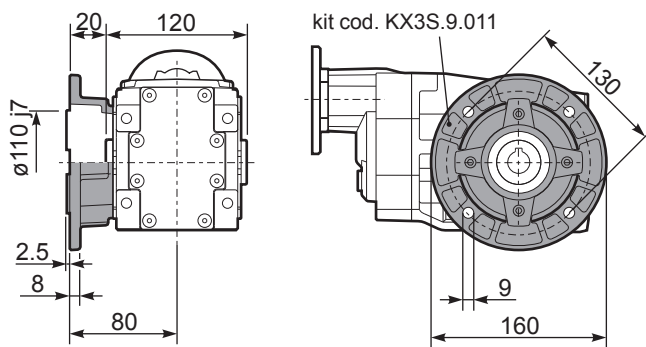
**PX33S...FB..** Feet  
Piedini



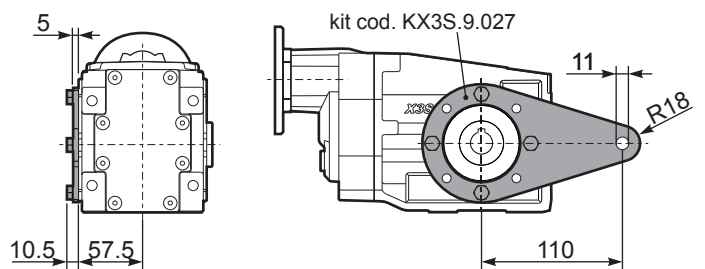
**PX33S...-F1..** Output flange  
Flangia uscita



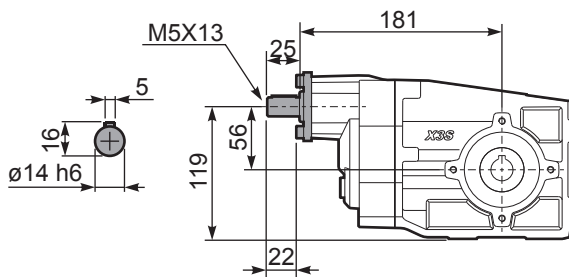
**PX33S...-F2..** Output flange  
Flangia uscita



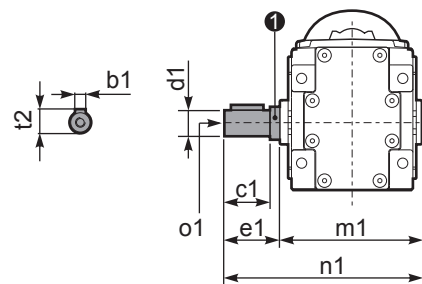
**PX33S...BR..** Reaction Arm  
Braccio di reazione



**RX33S...** Input shaft  
Albero in entrata



**PX33SA..** Single output shaft  
Albero semplice in uscita



d1	b1	c1	e1	m1	n1	t2	o1	1 kit code
ø20 <sup>-0.005/-0.020</sup>	6	37.5	40	120	160	22.5	M8x20	KX2S.5.028
ø25 <sup>-0.005/-0.020</sup>	8	60	63.2	126.8	190	28	M8x20	K063.5.028